NEBRASKA WEATHER & CROPS

NEBRASKA AGRICULTURAL STATISTICS SERVICE

For Week Ending June 7, 1992

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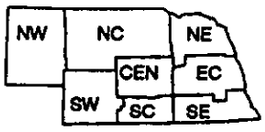
National Weather Service



Nebraska Department of Agriculture
Division of Agr'l. Statistics
Cooperative Extension Service
Institute of Agriculture
and Natural Resources--UN-L

WEATHER

Temperatures for the week averaged around four degrees below normals. Scattered precipitation occurred throughout the week with amounts varying from three-tenths of an inch in the southwest up to over two inches in the central portion of the State.

GENERAL

Frost damage from the week beginning May 25 has ranged from slight stunting to severe damage, according to the Nebraska Agricultural Statistics Service. Cool, damp weather conditions did little to help some affected plants. Replanting has been necessary for some corn, sorghum, and soybean fields. Some wheat has been cut for hay or ensilage. Others continue to wait and see if warmer temperatures will help affected plants grow out of the frost-damaged situation. Western Nebraska farmers have started planting dry edible beans and were assessing many fields of sugar beets that show less than favorable growth and development.

CROPS

Winter wheat condition was rated at 13% very poor, 46% poor, 29% fair, and 12% good. Producers continued to assess the condition following the frost, with some finding no appreciable damage to those who have harvested the crop for ensilage or hay value. Smaller kernels were expected from other freeze-damaged fields. The cool weather also has slowed development as only 6% has turned color to date, well behind last year and the average at 15%.

CROPS (Cont.)

Corn condition was rated at 3% very poor, 11% poor, 42% fair, 43% good, and 1% excellent. Replanting activities continued strong due to frost damage and erosion from past rains. Rains this past week helped some earlier plantings to break through "crusted" surfaces. Cultivation and chemical weed control activities continued. Warmer temperatures are needed for proper growth and regrowth.

Soybean condition was rated at 1% poor, 30% fair, 67% good, and 2% excellent. Limited replanting was reported and mostly due to erosion and "crusted" soils.

Sorghum condition was rated at 2% poor, 41% fair, 55% good, and 2% excellent. Cool temperatures also have slowed growth of grain sorghum. Limited replanting was reported.

Dry bean planting progressed to an average of 27% complete last week.

Alfalfa condition was rated at 7% poor, 35% fair, 54% good, and 4% excellent. Alfalfa weevil control continued with harvest for control and some spraying after harvest for control. To date, 77% has been harvested of the first cutting. This compares with 30% last year and 50% for the 5-year average. Wild hay condition was rated at 6% poor, 57% fair, 36% good, and 1% excellent.

LIVESTOCK

Pasture and range condition was rated at 82% of normal and compares with 96% of normal last year at this time. Some pastures remain short and have slow growth, while others are showing improvement with the recent rains. Warm temperatures and additional moisture will be needed to insure proper growth and adequate summer grazing.

FIELD WORK PROGRESS AS OF JUNE 7, 1992	AGRICULTURAL STATISTICS DISTRICTS								STATE	LAST WEEK	LAST YEAR	AVER-AGE
	NW	NC	NE	C	EC	SW	SC	SE				
% sorghum emerged	0	99	83	92	87	88	99	92	90	57	68	63
% soybeans emerged	0	87	84	95	99	83	100	100	95	63	70	69
% wheat turning	0	6	6	6	3	12	7	7	6	1	15	15
% dry beans planted	19	100	100	51	0	45	0	0	27	17	---	---
% dry beans emerged	0	100	58	26	0	25	0	0	7	5	---	---
% alfalfa first cutting	20	61	86	90	84	100	100	84	77	46	30	50
DAYS SUITABLE AND SOIL MOISTURE CONDITION AS OF JUNE 5, 1992												
Days suitable	3.0	5.7	4.1	3.6	3.6	4.2	2.0	3.0	3.5	5.4	3.1	
Topsoil moisture - Short	50	67	0	38	0	67	25	19	22	46	1	
(Percent) - Adequate	50	33	100	62	100	33	75	81	78	54	48	
- Surplus	0	0	0	0	0	0	0	0	0	0	51	
Subsoil moisture - Short	62	50	0	50	8	83	31	31	29	37	11	
(Percent) - Adequate	38	50	100	50	92	17	69	69	71	63	85	
- Surplus	0	0	0	0	0	0	0	0	0	0	4	

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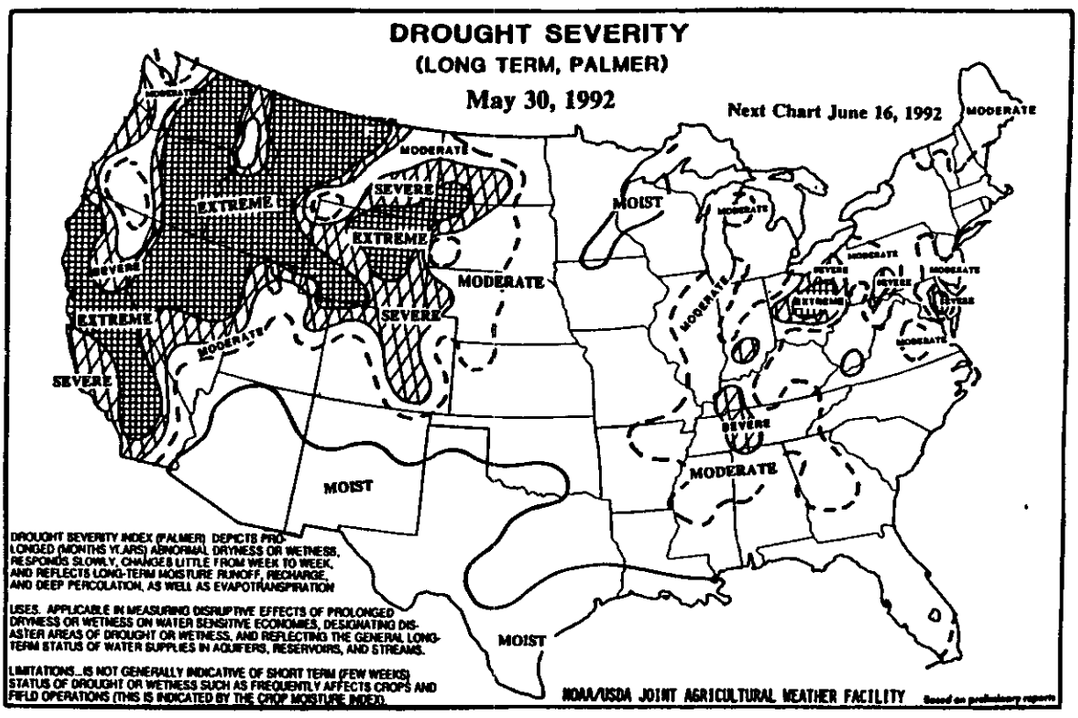
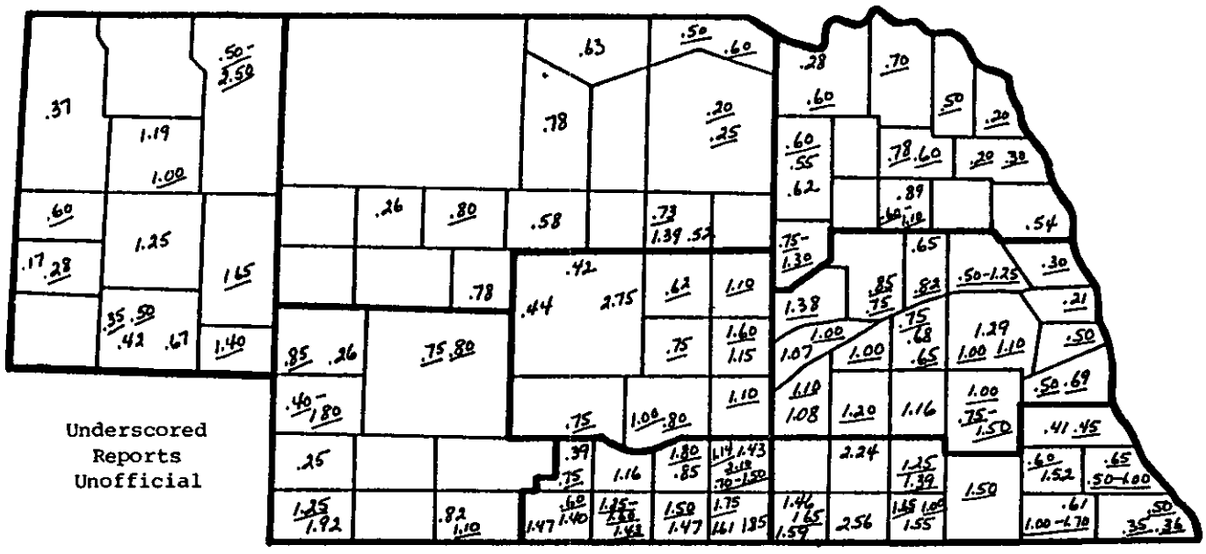


PRECIPITATION MAP FOR WEEK ENDING FRIDAY, JUNE 5, 1992



PRECIPITATION, APRIL 1 - JUNE 5, 1992

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week	.68	.71	.58	1.19	.99	.81	1.29	1.49
Total since April 1	2.62	2.47	5.01	3.65	5.57	1.93	2.69	5.14
Normal since April 1	5.33	6.12	7.03	6.64	7.54	5.52	6.41	7.47

TEMPERATURE, PRECIPITATION, AND GROWING DEGREE DAY DATA, WEEK ENDING SUNDAY, JUNE 7, 1992

	Station	Temperature				Precipitation	Growing Degree Data Since April 15		
		Extremes		Mean	Departure	Total Inches 1/	Last Week	Current	Normal
		Max	Min						
NW	Chadron	77	42	59	---	1.09	---	---	---
	Scottsbluff	83	38	60	-4	.90	561	640	519
	Sidney	80	36	60	---	.50	501	578	531
NC	Valentine	83	40	60	-4	.89	518	595	511
NE	Norfolk	80	48	64	-3	.85	---	---	---
	Sioux City	80	50	65	-3	.34	---	---	---
	Concord	---	---	---	---	---	457	556	628
	Elgin	---	---	---	---	---	457	538	593
	West Point*	---	---	---	---	---	480	581	647
CEN	Grand Island	78	50	63	-5	1.72	534	620	614
	Ord	77	46	62	---	2.15	507	594	627
EC	Lincoln	80	50	65	-4	1.38	552	656	658
	Omaha	82	56	67	-1	.46	534	652	615
	Columbus	---	---	---	---	---	524	619	636
	York	---	---	---	---	---	509	600	672
SW	Imperial	---	---	---	---	---	---	---	---
	North Platte	77	40	61	-4	.31	**507	**594	**594
SC	Holdrege	---	---	---	---	---	539	618	665
SE	Beatrice	---	---	---	---	---	534	630	741
	Clay Center	---	---	---	---	---	527	614	684

1/ Precipitation totals not included in map above. *Automated weather station. **West Central Research & Extension Center.

Growing Degree Days (GDD) are used to measure the length of time required for a crop to reach maturity. The formula used to calculate GDD is: Max. temp. + min. temp. divided by 2 minus 50 = GDD. For example, if the average temperature for a day = 70 degrees, the GDD = 20 for that day. GDD are calculated for each day and accumulated from April 15.

Growing Degree Day data is furnished by the Department of Agricultural Meteorology, Institute of Agriculture and Natural Resources, The University of Nebraska-Lincoln.